

Permit to Operate

FACILITY: N-593

EXPIRATION DATE: 07/31/200

LEGAL OWNER OR OPERATOR: OWENS-BROCKWAY GLASS CONTAINER

MAILING ADDRESS: 14700 W SCHULTE ROAD
TRACY, CA 95376

FACILITY LOCATION: 14700 W SCHULTE ROAD
TRACY, CA 95376

FACILITY DESCRIPTION: GLASS CONTAINER MANUFACTURER

The Facility to Operate may include Facility-wide Requirements as well as requirements that apply to specific permit units.

The Permit to Operate remains valid through the permit expiration date listed above, subject to payment of annual permit fees and compliance with permit conditions and all applicable local, state, and federal regulations. This permit is valid only at the location specified above, and becomes void upon any transfer of ownership or location. Any modification of the equipment or operation, as defined in District Rule 2201, will require prior District approval. This permit shall be posted as prescribed in District Rule 2010.

DAVID L. CROW

Executive Director / APCO

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Director of Permit Services

Initial TV Permit

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-593-0-1

EXPIRATION DATE: 07/31/2002

EQUIPMENT DESCRIPTION:

PERMIT UNIT REQUIREMENTS

1. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; San Joaquin County Rule 110 and 40 CFR 52.21], [Federally Enforceable Through Title V]
2. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; San Joaquin County Rule 110 and 40 CFR 52.21], [Federally Enforceable Through Title V]
3. The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0], [Federally Enforceable Through Title V]
4. Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020. [District Rule 2010, 3.0 and 4.0; 2020; and San Joaquin County Rule 201], [Federally Enforceable Through Title V]
5. The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.9.1 and 9.13.1], [Federally Enforceable Through Title V]
6. A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031 and 40CFR 52.21], [Federally Enforceable Through Title V]
7. Every application for a permit required under Rule 2010 (Permits Required) shall be filed in a manner and form prescribed by the District. [District Rule 2040], [Federally Enforceable Through Title V]
8. The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 5) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.5.1], [Federally Enforceable Through Title V]
9. The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
10. The operator shall submit reports of any required monitoring at least every six months unless a different frequency is required by an applicable requirement. All instances of deviations from permit requirements must be clearly identified in such reports. [District Rule 2520, 9.6.1], [Federally Enforceable Through Title V]
11. Deviations from permit conditions must be promptly reported, including deviations attributable to upset conditions, as defined in the permit. For the purpose of this condition, promptly means as soon as reasonably possible, but no later than 10 days after detection. The report shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All required reports must be certified by a responsible official consistent with section 10.0 of District Rule 2520. [District Rules 2520, 9.6.2 and 1100, 7. and 40 CFR 52.21], [Federally Enforceable Through Title V]
12. If for any reason a permit requirement or condition is being challenged for its constitutionality or validity by a court of competent jurisdiction, the outcome of such challenge shall not affect or invalidate the remainder of the conditions or requirements in that permit. [District Rule 2520, 9.8], [Federally Enforceable Through Title V]

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13. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. [District Rule 2520, 9.9.1], [Federally Enforceable Through Title V]
14. The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [District Rule 2520, 9.9.3 and 40 CFR 52.21], [Federally Enforceable Through Title V]
15. The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.9.4], [Federally Enforceable Through Title V]
16. The Permittee shall furnish to the District, within a reasonable time, any information that the District may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality. [District Rule 2520, 9.9.5], [Federally Enforceable Through Title V]
17. The permittee shall pay annual permit fees and other applicable fees as prescribed in Regulation III of the District Rules and Regulations. [District Rule 2520, 9.10], [Federally Enforceable Through Title V]
18. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 2520, 9.14.2.1 and 40 CFR 52.21], [Federally Enforceable Through Title V]
19. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 2520, 9.14.2.2 and 40 CFR 52.21], [Federally Enforceable Through Title V]
20. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to inspect at reasonable times any facilities, equipment, practices, or operations regulated or required under the permit. [District Rule 2520, 9.14.2.3 and 40 CFR 52.21], [Federally Enforceable Through Title V]
21. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.14.2.4 and 40 CFR 52.21], [Federally Enforceable Through Title V]
22. No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101, by using EPA method 9 or using an in stack opacity monitoring system. If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101, and San Joaquin County Rule 401], [Federally Enforceable Through Title V]
23. No person shall supply, sell, solicit or apply any architectural coating, except specialty coatings, that contains more than 250 grams of VOC per liter of coating (less water and exempt compounds, and excluding any colorant added to tint bases), or manufacture, blend, or repackage such coating with more than 250 grams of VOC per liter (less water and exempt compounds, and excluding any colorant added to tint bases) for use within the District. [District Rule 4601, 5.1], [Federally Enforceable Through Title V]
24. No person shall apply, sell, solicit, or offer for sale any specialty architectural coating listed in the Table of Standards (District Rule 4601, Table 1), nor manufacture, blend, or repackage such coating for use within the District, which contains VOCs (less water and exempt compounds, excluding any colorant added to tint bases) in excess of the specified limits listed in Table 1 of Rule 4601. [District Rule 4601, 5.2], [Federally Enforceable Through Title V]
25. All VOC-containing materials shall be stored in closed containers when not in use. In use includes, but is not limited to: being accessed, filled, emptied, maintained or repaired. [District Rule 4601, 5.4], [Federally Enforceable Through Title V]
26. A person shall not use VOCs for the cleanup of spray equipment unless equipment for collection of the cleaning compounds and minimizing its evaporation to the atmosphere is used. [District Rule 4601, 5.5], [Federally Enforceable Through Title V]
27. The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601 sections 6.1 and 6.2. [District Rule 4601, 6.1 and 6.2], [Federally Enforceable Through Title V]
28. With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official [District Rule 2520, 9.14.1 and 10.0], [Federally Enforceable Through Title V]
29. If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. [40 CFR 82 Subpart F], [Federally Enforceable Through Title V]
30. If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. [40 CFR Part 82, Subpart B], [Federally Enforceable Through Title V]

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31. Disturbances of soil related to any construction, demolition, excavation, extraction, or water mining activities shall comply with the requirements for fugitive dust control in SJVUAPCD District Rule 8020 unless specifically exempted under section 4 of Rule 8020. [District Rule 8020], [Federally Enforceable Through Title V]
32. Outdoor handling and storage of any bulk material which emits dust shall comply with the requirements of SJVUAPCD Rule 8030, unless specifically exempted under section 4 of Rule 8030. [District Rule 8030], [Federally Enforceable Through Title V]
33. Any paved road over 3 miles in length, and any unpaved roads over half a mile in length, constructed after October 10, 1993 shall use the design criteria and dust control measures of, and comply with the administrative requirements of, SJVUAPCD Rule 8060 unless specifically exempted under section 4 of Rule 8060. [District Rule 8060], [Federally Enforceable Through Title V]
34. Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M], [Federally Enforceable Through Title V]
35. The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.17], [Federally Enforceable Through Title V]
36. The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2], [Federally Enforceable Through Title V]
37. When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permits shall apply. [District Rule 2520, 9.1.1], [Federally Enforceable Through Title V]
38. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following outdated SIP requirements: San Joaquin County Rule 401, San Joaquin County Rule 110, San Joaquin County Rules 201, 203, 204, 208, and 209, and San Joaquin County Rule 423. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
39. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (12/17/92); 4601, sections 5.1, 5.2, 5.4, 5.5, 6.1, and 6.2 (12/17/92); 8020 (4/25/96); 8030 (4/25/96); 8060 (4/25/96); A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
40. When applicable to 40 CFR Part 68, a subject facility shall submit to the proper authority a Risk Management Plan, and comply with all the requirements of Program 1, 2, or 3 when mandated by the regulation. [40 CFR Part 68], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-593-1-0

EXPIRATION DATE: 07/31/2002

EQUIPMENT DESCRIPTION:

PAPER WASTE SYSTEM: HORZ. PAPER BALER 15 HP, 40" SHREDDER AND PINCH CONVEYOR 32 HP, #45 SHREDDER DISCHARGE BLOWER 30 HP, #50 CYCLONE SEPARATOR, PAPER SLITTER 3 HP, UNDERGROUND PAPER STACKER 2 HP, PARTITION SAW 144 HP, #70 INDUSTRIAL EXHAUSTER 100 HP.

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201]
3. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
4. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-593-2-2

EXPIRATION DATE: 07/31/2002

EQUIPMENT DESCRIPTION:

HOT END SURFACE TREATMENT SYSTEMS #22A & #22B: FIVE (5) APPLICATION HOODS SERVED BY ONE (1) PLENUM PULSE DRACCO BAGHOUSE (MODEL#24-2-500)

PERMIT UNIT REQUIREMENTS

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1. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
 2. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
 3. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
 4. The material removed from the baghouse and transferred into the mixer shall be prevented from being re-entrained into the atmosphere. No material shall accumulate outside of the mixer. [District Rule 4102]
 5. The mixer shall remain sealed at all times except during maintenance. [District NSR Rule], [Federally Enforceable Through Title V]
 6. The PM10 emission rate from lines 22A & 22B combined shall not exceed 0.25 pounds per hour, nor 6.0 pounds per day. [District NSR Rule], [Federally Enforceable Through Title V]
 7. Records of the daily amount of glass treated from lines 22A & 22B shall be maintained and shall be made available for District inspection upon request. [District NSR Rule], [Federally Enforceable Through Title V]
 8. Particulate matter emissions shall not exceed 0.1 grain/dscf in concentration. [District Rule 4201 and San Joaquin County Rule 404], [Federally Enforceable Through Title V]
 9. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
 10. Dust collector shall be inspected weekly while in operation for visible emissions. If visible emissions are observed, appropriate action shall be taken, such as baghouse maintenance, cleaning, or replacement of bags as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 11. Dust collector filters shall be inspected for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be replaced as needed. Filters shall be inspected at least yearly. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 12. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-593-3-1

EXPIRATION DATE: 07/31/2002

EQUIPMENT DESCRIPTION:

BATCH CONSTITUENTS HANDLING SYSTEM: RAW MATERIAL UNLOADING HOPPER, CONVEYING, WEIGHING AND MIXING SERVED BY A BAGHOUSE

PERMIT UNIT REQUIREMENTS

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1. There shall be no visible emissions from the baghouse. [District NSR Rule], [Federally Enforceable Through Title V]
 2. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
 3. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
 4. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 4102]
 5. There shall be no fugitive emissions from conveying and elevating systems. Compliance with this requirement shall be demonstrated by conducting weekly inspections of the equipment and maintaining records of the inspections. [District NSR Rule], [Federally Enforceable Through Title V]
 6. Particulate matter emissions shall not exceed 0.1 grain/dscf in concentration. [District Rule 4201 and San Joaquin County Rule 404], [Federally Enforceable Through Title V]
 7. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
 8. Dust collector shall be inspected weekly while in operation for visible emissions. If visible emissions are observed, appropriate action shall be taken, such as baghouse maintenance, cleaning, or replacement of bags as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 9. Dust collector filters shall be inspected for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be replaced as needed. Filters shall be inspected at least yearly. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 10. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-593-4-1

EXPIRATION DATE: 07/31/2002

EQUIPMENT DESCRIPTION:

BATCH CONSTITUENTS HANDLING SYSTEM: NEW MINOR INGREDIENTS SYSTEM SERVED BY A BAGHOUSE

PERMIT UNIT REQUIREMENTS

1. There shall be no visible emissions from the baghouse. [District NSR Rule], [Federally Enforceable Through Title V]
2. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
3. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
4. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 4102]
5. There shall be no fugitive emissions from conveying and elevating systems. Compliance with this requirement shall be demonstrated by conducting weekly inspections of the equipment and maintaining records of the inspections. [District NSR Rule], [Federally Enforceable Through Title V]
6. Particulate matter emissions shall not exceed 0.1 grain/dscf in concentration. [District Rule 4201 and San Joaquin County Rule 404], [Federally Enforceable Through Title V]
7. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
8. Dust collector shall be inspected weekly while in operation for visible emissions. If visible emissions are observed, appropriate action shall be taken, such as baghouse maintenance, cleaning, or replacement of bags as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
9. Dust collector filters shall be inspected for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be replaced as needed. Filters shall be inspected at least yearly. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-593-5-1

EXPIRATION DATE: 07/31/2002

EQUIPMENT DESCRIPTION:

BATCH CONSTITUENTS HANDLING SYSTEM: CULLET CRUSHING, ELEVATING, AND BLENDING

PERMIT UNIT REQUIREMENTS

1. There shall be no fugitive emissions from conveying and elevating systems. Compliance with this requirement shall be demonstrated by conducting weekly inspections of the equipment and maintaining records of the inspections. [District NSR Rule], [Federally Enforceable Through Title V]

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-593-6-1

EXPIRATION DATE: 07/31/2002

EQUIPMENT DESCRIPTION:

BATCH CONSTITUENTS HANDLING SYSTEM: BATCH DISTRIBUTION AND CONVEYING TO FURNACE #22-C SERVED BY A BAGHOUSE

PERMIT UNIT REQUIREMENTS

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1. There shall be no visible emissions from the baghouse. [District NSR Rule], [Federally Enforceable Through Title V]
 2. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
 3. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
 4. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 4102]
 5. There shall be no fugitive emissions from conveying and elevating systems. Compliance with this requirement shall be demonstrated by conducting weekly inspections of the equipment and maintaining records of the inspections. [District NSR Rule], [Federally Enforceable Through Title V]
 6. Particulate matter emissions shall not exceed 0.1 grain/dscf in concentration. [District Rule 4201 and San Joaquin County Rule 404], [Federally Enforceable Through Title V]
 7. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
 8. Dust collector shall be inspected weekly while in operation for visible emissions. If visible emissions are observed, appropriate action shall be taken, such as baghouse maintenance, cleaning, or replacement of bags as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 9. Dust collector filters shall be inspected for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be replaced as needed. Filters shall be inspected at least yearly. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 10. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-593-7-1

EXPIRATION DATE: 07/31/2002

EQUIPMENT DESCRIPTION:

BATCH CONSTITUENTS HANDLING SYSTEM: BATCH DISTRIBUTION AND CONVEYING TO FURNACE #22-A SERVED BY A BAGHOUSE

PERMIT UNIT REQUIREMENTS

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1. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
 2. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
 3. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 4102]
 4. There shall be no fugitive emissions from conveying and elevating systems. Compliance with this requirement shall be demonstrated by conducting weekly inspections of the equipment and maintaining records of the inspections. [District NSR Rule], [Federally Enforceable Through Title V]
 5. Particulate matter emissions shall not exceed 0.1 grain/dscf in concentration. [District Rule 4201 and San Joaquin County Rule 404], [Federally Enforceable Through Title V]
 6. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
 7. Dust collector shall be inspected weekly while in operation for visible emissions. If visible emissions are observed, appropriate action shall be taken, such as baghouse maintenance, cleaning, or replacement of bags as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 8. Dust collector filters shall be inspected for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be replaced as needed. Filters shall be inspected at least yearly. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 9. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-593-8-1

EXPIRATION DATE: 07/31/2002

EQUIPMENT DESCRIPTION:

BATCH CONSTITUENTS HANDLING SYSTEM: BATCH DISTRIBUTION AND CONVEYING TO FURNACE #22-B SERVED BY A BAGHOUSE

PERMIT UNIT REQUIREMENTS

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1. There shall be no visible emissions from the baghouse. [District NSR Rule], [Federally Enforceable Through Title V]
 2. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
 3. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
 4. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 4102]
 5. There shall be no fugitive emissions from conveying and elevating systems. Compliance with this requirement shall be demonstrated by conducting weekly inspections of the equipment and maintaining records of the inspections. [District NSR Rule], [Federally Enforceable Through Title V]
 6. Particulate matter emissions shall not exceed 0.1 grain/dscf in concentration. [District Rule 4201 and San Joaquin County Rule 404], [Federally Enforceable Through Title V]
 7. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
 8. Dust collector shall be inspected weekly while in operation for visible emissions. If visible emissions are observed, appropriate action shall be taken, such as baghouse maintenance, cleaning, or replacement of bags as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 9. Dust collector filters shall be inspected for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be replaced as needed. Filters shall be inspected at least yearly. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 10. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-593-9-1

EXPIRATION DATE: 07/31/2002

EQUIPMENT DESCRIPTION:

BATCH CONSTITUENTS HANDLING SYSTEM: PNEUMATIC COLORANT DELIVERY SYSTEM SERVED BY A BAGHOUSE

PERMIT UNIT REQUIREMENTS

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1. There shall be no visible emissions from the baghouse. [District NSR Rule], [Federally Enforceable Through Title V]
 2. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
 3. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
 4. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 4102]
 5. There shall be no fugitive emissions from conveying and elevating systems. Compliance with this requirement shall be demonstrated by conducting weekly inspections of the equipment and maintaining records of the inspections. [District NSR Rule], [Federally Enforceable Through Title V]
 6. Particulate matter emissions shall not exceed 0.1 grain/dscf in concentration. [District Rule 4201 and San Joaquin County Rule 404], [Federally Enforceable Through Title V]
 7. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
 8. Dust collector shall be inspected weekly while in operation for visible emissions. If visible emissions are observed, appropriate action shall be taken, such as baghouse maintenance, cleaning, or replacement of bags as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 9. Dust collector filters shall be inspected for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be replaced as needed. Filters shall be inspected at least yearly. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 10. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-593-10-1

EXPIRATION DATE: 07/31/2002

EQUIPMENT DESCRIPTION:

60 MMBTU/HR GLASS MELTING FURNACE #22-C.

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201 and San Joaquin County Rule 404], [Federally Enforceable Through Title V]
2. Process weight (based on input to the furnace) shall not exceed 146,000 tons during any 12 consecutive month period. [District NSR Rule], [Federally Enforceable Through Title V]
3. Oxygen concentration in the combustion gases shall be measured once a week and shall be recorded on the furnace operating log sheet. Recorded values must be available for District inspection during normal operating hours. [District NSR Rule], [Federally Enforceable Through Title V]
4. The weight percent of cullet per batch shall not be less than 17.5%. Batch weight distribution data shall be available for District inspection during normal operating hours. [District NSR Rule], [Federally Enforceable Through Title V]
5. The permittee shall provide, properly install, and maintain in good working order a continuous monitoring and recording system to measure opacity on the stack of Furnace 22-C. [District NSR Rule], [Federally Enforceable Through Title V]
6. All continuous monitoring and recording instruments shall be installed, calibrated and operated in accordance with the requirements of 40 CFR, Part 51. [District NSR Rule], [Federally Enforceable Through Title V]
7. Compliance with the daily emission limits shall be demonstrated by multiplying the hourly emission rate times the number of operating hours per day. The hourly emission rates shall be determined by source testing using a three hour averaging period. [District Rule 1081 and District NSR Rule], [Federally Enforceable Through Title V]
8. The furnace shall be fired on natural gas or fuel oil #2. The sulfur content of the fuel oil shall not exceed 0.5% by weight. [District NSR Rule], [Federally Enforceable Through Title V]
9. If fuel oil is used, a source test shall be conducted no later than 90 days to demonstrate compliance with District Rule 4201 and the Daily Emission Limits. [District NSR Rule and District Rule 4201], [Federally Enforceable Through Title V]
10. Source testing to demonstrate compliance with permit conditions and all applicable rules and regulations shall be conducted on an annual basis. NOx testing shall be performed using EPA Method 7E or ARB Method 100. PM10 testing shall be performed using EPA Method 5. SOx testing shall be performed using EPA Method 8. [District Rule 2520, 9.4.2, and District Rule 4354], [Federally Enforceable Through Title V]
11. Source testing shall be conducted using the methods and procedures approved by the District. A pretest plan outlining the test methods, procedures, and operating parameters shall be submitted for District approval at least 30 days prior to each test. [District Rule 1081], [Federally Enforceable Through Title V]
12. The results of each source test shall be submitted for the District's evaluation no later than 45 days after each testing date. [District Rule 1081], [Federally Enforceable Through Title V]
13. A log of daily process weight, wt% cullet per batch, electric boost, fuel usage and other relevant operating parameters shall be kept on the premises and shall be made available for District inspection upon request. [District Rule 2520, 9.4.2 and District NSR Rule], [Federally Enforceable Through Title V]
14. Electric boosting shall be used whenever the process weight is equal to or greater than 345 tons per day. [District NSR Rule], [Federally Enforceable Through Title V]
15. Maximum allowable combined emissions from furnaces 22-A and 22-C computed on a daily basis shall not exceed the following limits: Nitrogen Oxides: 3430 pounds; Sulfur Oxides: 1223 pounds; Total Particulate Matter: 483 pounds. [District NSR Rule], [Federally Enforceable Through Title V]
16. Maximum allowable combined emissions from furnaces 22-A and 22-C computed over a 12 consecutive month period shall not exceed the following limits: Nitrogen Oxides: 540 tons; Sulfur Oxides: 186 tons; Total Particulate Matter: 74 tons. [District NSR Rule], [Federally Enforceable Through Title V]

Initial TV Permit

17. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201, San Joaquin County Rule 404, District Rule 4202 and San Joaquin County Rule 405. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
18. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4354. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
19. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4801 and San Joaquin County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
20. The requirements of District Rule 4301 and San Joaquin County Rule 408 were determined to not apply to this unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
21. The requirements of 40 CFR 60, Subpart CC were determined to not apply to this unit because the unit was constructed prior to the effective date in the regulation and not been modified (according to the definition of "modified" in the regulation). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
22. The requirements of 40 CFR 61, Subpart N were determined to not apply to this unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
23. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E=3.59P^{0.62}$ ($P< 30$ tph) or $E=17.31P^{0.16}$ ($P> 30$ tph). [District Rule 4202 and San Joaquin County Rule 405], [Federally Enforceable Through Title V]
24. The operator shall maintain an operating log that includes on a monthly basis; the hours of operation of the furnace, type and quantity of fuel used in the furnace, and quantity of glass pulled. This information shall be maintained and submitted to the APCO upon request. [District Rule 4354], [Federally Enforceable Through Title V]
25. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [San Joaquin County Rule 407 and District Rule 4801], [Federally Enforceable Through Title V]
26. The NOx emissions from the furnace shall not exceed 5.5 lb NOx per ton of glass pulled, until such time that the unit is subject to the 1998 revisions to District Rule 4354. At that time, the lower NOx limitations of the revised rule shall apply. [District Rule 4354], [Federally Enforceable Through Title V]
27. The facility shall not use commercial arsenic as a raw material in the production process. [40 CFR 61 Subpart N], [Federally Enforceable Through Title V]
28. Particulate matter emissions shall not exceed 17.5 lb/hr. [40 CFR 52.21], [Federally Enforceable Through Title V]
29. The COMS shall meet the performance specifications of 40 CFR 60, Appendix B. [District Rule 1080], [Federally Enforceable Through Title V]
30. Records shall be maintained and shall contain: the occurrence and duration of any start-up, shutdown or malfunction, performance testing, evaluations, calibrations, checks, adjustments, any periods during which a continuous monitoring system or monitoring device is inoperative, maintenance of any COMS that have been installed pursuant to District Rule 1080, and emission measurements. [District Rule 1080], [Federally Enforceable Through Title V]
31. An exceedance of opacity limitations shall be reported by the operator to the APCO within 96 hours. [District Rule 1080], [Federally Enforceable Through Title V]
32. Operator shall notify the APCO no later than eight hours after the detection of a breakdown of the COMS. Operator shall inform the APCO of the intent to shut down the COMS at least 24 hours prior to the event. [District Rule 1080], [Federally Enforceable Through Title V]
33. Operator shall submit quarterly reports of COMS data as required by District Rule 1080. [District Rule 1080], [Federally Enforceable Through Title V]
34. All equipment, facilities, or systems installed or used to achieve compliance with the terms and conditions of the Federal Prevention of Significant Deterioration permit shall at all times be maintained in good working order and be operated as efficiently as possible to minimize air pollutant emissions. [40 CFR 52.21], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-593-11-2

EXPIRATION DATE: 07/31/2002

EQUIPMENT DESCRIPTION:

HOT END SURFACE TREATMENT #22-C: THREE (3) APPLICATION HOODS SERVED BY ONE (1) PLENUM PULSE DRACCO BAGHOUSE (MODEL #24-2-500)

PERMIT UNIT REQUIREMENTS

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1. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
 2. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
 3. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
 4. The material removed from the baghouse and transferred into the mixer shall be prevented from being re-entrained into the atmosphere. No material shall accumulate outside of the mixer. [District Rule 4102]
 5. The mixer shall remain sealed at all times except during maintenance. [District NSR Rule], [Federally Enforceable Through Title V]
 6. The PM10 emission rate from line 22C shall not exceed 0.05 pounds per hour, nor 1.2 pounds per day. [District NSR Rule], [Federally Enforceable Through Title V]
 7. Records of the daily amount of glass treated from line 22C shall be maintained, and shall be made available for District inspection upon request. [District NSR Rule], [Federally Enforceable Through Title V]
 8. Particulate matter emissions shall not exceed 0.1 grain/dscf in concentration. [District Rule 4201 and San Joaquin County Rule 404], [Federally Enforceable Through Title V]
 9. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
 10. Dust collector shall be inspected weekly while in operation for visible emissions. If visible emissions are observed, appropriate action shall be taken, such as baghouse maintenance, cleaning, or replacement of bags as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 11. Dust collector filters shall be inspected for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be replaced as needed. Filters shall be inspected at least yearly. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 12. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-593-12-1

EXPIRATION DATE: 07/31/2002

EQUIPMENT DESCRIPTION:

29 MMBTU/HR GLASS MELTING FURNACE #22-A.

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201 and San Joaquin County Rule 404], [Federally Enforceable Through Title V]
2. Process weight (based on input to the furnace) shall not exceed 87,235 tons during any 12 consecutive month period. [District NSR Rule], [Federally Enforceable Through Title V]
3. Oxygen concentration in the combustion gases shall be measured once a week and shall be recorded on the furnace operating log sheet. Recorded values must be available for District inspection during normal operating hours. [District NSR Rule], [Federally Enforceable Through Title V]
4. The weight percent of cullet per batch shall not be less than 13.6%. Batch weight distribution data shall be available for District inspection during normal operating hours. [District NSR Rule], [Federally Enforceable Through Title V]
5. The permittee shall provide, properly install, and maintain in good working order a continuous monitoring and recording system to measure opacity on the stack of Furnace 22-A. [District NSR Rule], [Federally Enforceable Through Title V]
6. All continuous monitoring and recording instruments shall be installed, calibrated and operated in accordance with the requirements of 40 CFR, Part 51. [District NSR Rule], [Federally Enforceable Through Title V]
7. Compliance with the daily emission limits shall be demonstrated by multiplying the hourly emission rate times the number of operating hours per day. The hourly emission rates shall be determined by source testing using a three hour averaging period. [District Rule 1081 and District NSR Rule], [Federally Enforceable Through Title V]
8. The furnace shall be fired on natural gas or fuel oil #2. The sulfur content of the fuel oil shall not exceed 0.5% by weight. [District NSR Rule], [Federally Enforceable Through Title V]
9. If fuel oil is used, a source test shall be conducted no later than 90 days to demonstrate compliance with District Rule 4201 and the Daily Emission Limits. [District NSR Rule and District Rule 4201], [Federally Enforceable Through Title V]
10. Source testing to demonstrate compliance with permit conditions and all applicable rules and regulations shall be conducted on an annual basis. NOx testing shall be performed using EPA Method 7E or ARB Method 100. PM10 testing shall be performed using EPA Method 5. SOx testing shall be performed using EPA Method 8. [District Rule 2520, 9.4.2, and District Rule 4354], [Federally Enforceable Through Title V]
11. Source testing shall be conducted using the methods and procedures approved by the District. A pretest plan outlining the test methods, procedures, and operating parameters shall be submitted for District approval at least 30 days prior to each test. [District Rule 1081], [Federally Enforceable Through Title V]
12. The results of each source test shall be submitted for the District's evaluation no later than 45 days after each testing date. [District Rule 1081], [Federally Enforceable Through Title V]
13. A log of daily process weight, wt% cullet per batch, electric boost, fuel usage and other relevant operating parameters shall be kept on the premises and shall be made available for District inspection upon request. [District Rule 2520, 9.4.2 and District NSR Rule], [Federally Enforceable Through Title V]
14. Electric boosting shall be utilized to assure that the emissions from the furnace will not exceed the levels allowed by the conditions of this permit and other applicable rules and regulations. Boosting usage shall be noted twice daily while the furnace is in operation and the records shall be maintained at the facility. [District NSR Rule], [Federally Enforceable Through Title V]
15. Maximum allowable combined emissions from furnaces 22-A and 22-C computed on a daily basis shall not exceed the following limits: Nitrogen Oxides: 3430 pounds; Sulfur Oxides: 1223 pounds; Total Particulate Matter: 483 pounds. [District NSR Rule], [Federally Enforceable Through Title V]
16. Maximum allowable combined emissions from furnaces 22-A and 22-C computed over a 12 consecutive month period shall not exceed the following limits: Nitrogen Oxides: 540 tons; Sulfur Oxides: 186 tons; Total Particulate Matter: 84 tons. [District NSR Rule], [Federally Enforceable Through Title V]

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17. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201, San Joaquin County Rule 404, District Rule 4202 and San Joaquin County Rule 405. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
18. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4354. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
19. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4801 and San Joaquin County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
20. The requirements of District Rule 4301 and San Joaquin County Rule 408 were determined to not apply to this unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
21. The requirements of 40 CFR 60, Subpart CC were determined to not apply to this unit because the unit was constructed prior to the effective date in the regulation and not been modified (according to the definition of "modified" in the regulation). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
22. The requirements of 40 CFR 61, Subpart N were determined to not apply to this unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
23. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E=3.59P^{0.62}$ ($P < 30$ tph) or $E=17.31P^{0.16}$ ($P > 30$ tph). [District Rule 4202 and San Joaquin County Rule 405], [Federally Enforceable Through Title V]
24. The operator shall maintain an operating log that includes on a monthly basis; the hours of operation of the furnace, type and quantity of fuel used in the furnace, and quantity of glass pulled. This information shall be maintained and submitted to the APCO upon request. [District Rule 4354], [Federally Enforceable Through Title V]
25. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [San Joaquin County Rule 407 and District Rule 4801], [Federally Enforceable Through Title V]
26. The NOx emissions from the furnace shall not exceed 5.5 lb NOx per ton of glass pulled, until such time that the unit is subject to the 1998 revisions to District Rule 4354. At that time, the lower NOx limitations of the revised rule shall apply. [District Rule 4354], [Federally Enforceable Through Title V]
27. The facility shall not use commercial arsenic as a raw material in the production process. [40 CFR 61 Subpart N], [Federally Enforceable Through Title V]
28. The COMS shall meet the performance specifications of 40 CFR 60, Appendix B. [District Rule 1080], [Federally Enforceable Through Title V]
29. Records shall be maintained and shall contain: the occurrence and duration of any start-up, shutdown or malfunction, performance testing, evaluations, calibrations, checks, adjustments, any periods during which a continuous monitoring system or monitoring device is inoperative, maintenance of any COMS that have been installed pursuant to District Rule 1080, and emission measurements. [District Rule 1080], [Federally Enforceable Through Title V]
30. An exceedance of opacity limitations shall be reported by the operator to the APCO within 96 hours. [District Rule 1080], [Federally Enforceable Through Title V]
31. Operator shall notify the APCO no later than eight hours after the detection of a breakdown of the COMS. Operator shall inform the APCO of the intent to shut down the COMS at least 24 hours prior to the event. [District Rule 1080], [Federally Enforceable Through Title V]
32. Operator shall submit quarterly reports of COMS data as required by District Rule 1080. [District Rule 1080], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-593-13-1

EXPIRATION DATE: 07/31/2002

EQUIPMENT DESCRIPTION:

67 MMBTU/HR GLASS MELTING FURNACE #22-B.

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201 and San Joaquin County Rule 404], [Federally Enforceable Through Title V]
2. Process weight (based on input to the furnace) shall be limited to 340 tons per day. [District NSR Rule], [Federally Enforceable Through Title V]
3. Oxygen concentration in the combustion gases shall be measured once a week and shall be recorded on the furnace operating log sheet. Recorded values must be available for District inspection during normal operating hours. [District NSR Rule], [Federally Enforceable Through Title V]
4. The weight percent of cullet per batch shall not be less than 13.7%. Batch weight distribution data shall be available for District inspection during normal operating hours. [District NSR Rule], [Federally Enforceable Through Title V]
5. The furnace shall be fired on natural gas or fuel oil #2. The sulfur content of the fuel oil shall not exceed 0.5% by weight. [District NSR Rule], [Federally Enforceable Through Title V]
6. Source testing to demonstrate compliance with District Rule 4354 shall be conducted annually. NOx testing shall be performed using EPA Method 7E or ARB Method 100. [District Rule 4354], [Federally Enforceable Through Title V]
7. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201, San Joaquin County Rule 404, District Rule 4202 and San Joaquin County Rule 405. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
8. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4354. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
9. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4801 and San Joaquin County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
10. The requirements of District Rule 4301 and San Joaquin County Rule 408 were determined to not apply to this unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
11. The requirements of 40 CFR 60, Subpart CC were determined to not apply to this unit because the unit was constructed prior to the effective date in the regulation and not been modified (according to the definition of "modified" in the regulation). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
12. The requirements of 40 CFR 61, Subpart N were determined to not apply to this unit. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
13. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E=3.59P^{0.62}$ ($P < 30$ tph) or $E=17.31P^{0.16}$ ($P > 30$ tph). [District Rule 4202 and San Joaquin County Rule 405], [Federally Enforceable Through Title V]
14. The operator shall maintain an operating log that includes on a monthly basis; the hours of operation of the furnace, type and quantity of fuel used in the furnace, and quantity of glass pulled. This information shall be maintained and submitted to the APCO upon request. [District Rule 4354], [Federally Enforceable Through Title V]
15. Source testing to demonstrate compliance with District Rules 4201 and 4202 shall be conducted annually. PM testing shall be performed using EPA Method 5. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
16. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [San Joaquin County Rule 407 and District Rule 4801], [Federally Enforceable Through Title V]
17. The NOx emissions from the furnace shall not exceed 5.5 lb NOx per ton of glass pulled, until such time that the unit is subject to the 1998 revisions to District Rule 4354. At that time, the lower NOx limitations of the revised rule shall apply. [District Rule 4354], [Federally Enforceable Through Title V]
18. The facility shall not use commercial arsenic as a raw material in the production process. [40 CFR 61 Subpart N], [Federally Enforceable Through Title V]

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19. The permittee shall provide, properly install, and maintain in good working order a continuous monitoring and recording system to measure opacity on the stack of Furnace 22-B. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
20. The COMS shall meet the performance specifications of 40 CFR 60, Appendix B. [District Rule 1080], [Federally Enforceable Through Title V]
21. Records shall be maintained and shall contain: the occurrence and duration of any start-up, shutdown or malfunction, performance testing, evaluations, calibrations, checks, adjustments, any periods during which a continuous monitoring system or monitoring device is inoperative, maintenance of any COMS that have been installed pursuant to District Rule 1080, and emission measurements. [District Rule 1080], [Federally Enforceable Through Title V]
22. An exceedance of opacity limitations shall be reported by the operator to the APCO within 96 hours. [District Rule 1080], [Federally Enforceable Through Title V]
23. Operator shall notify the APCO no later than eight hours after the detection of a breakdown of the COMS. Operator shall inform the APCO of the intent to shut down the COMS at least 24 hours prior to the event. [District Rule 1080], [Federally Enforceable Through Title V]
24. Operator shall submit quarterly reports of COMS data as required by District Rule 1080. [District Rule 1080], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-593-14-1

EXPIRATION DATE: 07/31/2002

EQUIPMENT DESCRIPTION:

CULLET PROCESSING SYSTEM: LOADING HOPPER, CONVEYING AND 3/4" MESH SCREENING SERVED BY WATER FOG NOZZLES

PERMIT UNIT REQUIREMENTS

1. Water spray nozzles shall be installed and maintained fully operational at all points of excessive visible emissions. [District NSR Rule], [Federally Enforceable Through Title V]
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
3. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201, San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-593-15-1

EXPIRATION DATE: 07/31/2002

EQUIPMENT DESCRIPTION:

CULLET PROCESSING SYSTEM: IMPACT CULLET CRUSHER AND ASSOCIATED CONVEYOR SERVED BY A BAGHOUSE

PERMIT UNIT REQUIREMENTS

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1. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
 2. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
 3. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 4102]
 4. Particulate matter emissions shall not exceed 0.1 grain/dscf in concentration. [District Rule 4201 and San Joaquin County Rule 404], [Federally Enforceable Through Title V]
 5. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
 6. Dust collector shall be inspected weekly while in operation for visible emissions. If visible emissions are observed, appropriate action shall be taken, such as baghouse maintenance, cleaning, or replacement of bags as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 7. Dust collector filters shall be inspected for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be replaced as needed. Filters shall be inspected at least yearly. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 8. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-593-16-1

EXPIRATION DATE: 07/31/2002

EQUIPMENT DESCRIPTION:

IRON CHROMITE RECEIVING HOPPER AND CONVEYING TO FURNACE "B" SERVED BY A BAGHOUSE

PERMIT UNIT REQUIREMENTS

1. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
2. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
3. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 4102]
4. The emissions from the vibrator feeder and discharge chute shall be controlled by an air pressure relief vent comprised of a bag assembly. [District NSR Rule], [Federally Enforceable Through Title V]
5. Particulate matter emissions shall not exceed 0.1 grain/dscf in concentration. [District Rule 4201 and San Joaquin County Rule 404], [Federally Enforceable Through Title V]
6. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
7. Dust collector shall be inspected weekly while in operation for visible emissions. If visible emissions are observed, appropriate action shall be taken, such as baghouse maintenance, cleaning, or replacement of bags as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. Dust collector filters shall be inspected for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be replaced as needed. Filters shall be inspected at least yearly. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
9. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-593-17-1

EXPIRATION DATE: 07/31/2002

EQUIPMENT DESCRIPTION:

IRON CHROMITE STORAGE AND WEIGHING (FURNACE "B") SERVED BY A BAGHOUSE

PERMIT UNIT REQUIREMENTS

1. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
2. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
3. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 4102]
4. The emissions from the vibrator feeder and discharge chute shall be controlled by an air pressure relief vent comprised of a bag assembly. [District NSR Rule], [Federally Enforceable Through Title V]
5. Particulate matter emissions shall not exceed 0.1 grain/dscf in concentration. [District Rule 4201 and San Joaquin County Rule 404], [Federally Enforceable Through Title V]
6. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
7. Dust collector shall be inspected weekly while in operation for visible emissions. If visible emissions are observed, appropriate action shall be taken, such as baghouse maintenance, cleaning, or replacement of bags as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. Dust collector filters shall be inspected for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be replaced as needed. Filters shall be inspected at least yearly. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
9. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: N-593-18-0

EXPIRATION DATE: 07/31/2002

EQUIPMENT DESCRIPTION:

WRAP SHRINK LABELER UNIT, LINE C-1

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. The labeling machines shall only be operated when furnace "C" is in operation. []
4. Solvent emissions from the labelers shall be ducted through the glass melting furnaces. []
5. Overall solvent emissions from the labeling machines shall be reduced by at least 85%. The solvent destruction efficiency within the furnace shall not be less than 95%, by weight. []
6. Exhaust points from the labeling units shall have pressure gauges to verify negative pressure at all times. The gauges shall be maintained in good working condition. []
7. The glass melting furnaces shall be operated in a manner that assures compliance with their permit conditions and all applicable rules and regulations. []
8. The combined usage of methylene chloride and methyl ethyl ketone shall not exceed 7.5 pounds per hour for each labeler. []
9. A log of monthly usage of methylene chloride and methyl ethyl ketone shall be kept on the premises and be made available for District inspection upon request. []
10. The labeling units shall be equipped with an automatic solvent shut off mechanism and a chiller to control in plant evaporation. []

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-593-19-0

EXPIRATION DATE: 07/31/2002

EQUIPMENT DESCRIPTION:

WRAP SHRINK LABELER UNIT, LINE B-2

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. The labeling machines shall only be operated when furnace "C" is in operation. []
3. Solvent emissions from the labelers shall be ducted through the glass melting furnaces. []
4. Overall solvent emissions from the labeling machines shall be reduced by at least 85%. The solvent destruction efficiency within the furnace shall not be less than 95% by weight. []
5. Exhaust points from the labeling units shall have pressure gauges to verify negative pressure at all times. The gauges shall be maintained in good working condition. []
6. The glass melting furnaces shall be operated in a manner that assures compliance with their permit conditions and all applicable rules and regulations. []
7. The combined usage of methylene chloride and methyl ethyl ketone shall not exceed 7.5 pounds per hour for each labeler. []
8. A log of monthly usage of methylene chloride and methyl ethyl ketone shall be kept on the premises, and be made available for District inspection upon request. []
9. The labeling units shall be equipped with an automatic solvent shut off mechanism and a chiller to control in plant evaporation. []

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-593-20-1

EXPIRATION DATE: 07/31/2002

EQUIPMENT DESCRIPTION:

CRUSHED CULLET STORAGE SILO #1 (4,770 GALLONS) SERVED BY A FLEX-KLEEN BAGHOUSE (SHARED WITH CULLET SILOS #2 & #3)

PERMIT UNIT REQUIREMENTS

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1. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
 2. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
 3. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 4102]
 4. Particulate matter emissions shall not exceed 0.1 grain/dscf in concentration. [District Rule 4201 and San Joaquin County Rule 404], [Federally Enforceable Through Title V]
 5. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
 6. Dust collector shall be inspected weekly while in operation for visible emissions. If visible emissions are observed, appropriate action shall be taken, such as baghouse maintenance, cleaning, or replacement of bags as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 7. Dust collector filters shall be inspected for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be replaced as needed. Filters shall be inspected at least yearly. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 8. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-593-21-1

EXPIRATION DATE: 07/31/2002

EQUIPMENT DESCRIPTION:

CRUSHED CULLET STORAGE SILO #2 (4,770 GALLONS) SERVED BY A FLEX-KLEEN BAGHOUSE (SHARED WITH CULLET SILOS #1 & #3)

PERMIT UNIT REQUIREMENTS

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1. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
 2. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
 3. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 4102]
 4. Particulate matter emissions shall not exceed 0.1 grain/dscf in concentration. [District Rule 4201 and San Joaquin County Rule 404], [Federally Enforceable Through Title V]
 5. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
 6. Dust collector shall be inspected weekly while in operation for visible emissions. If visible emissions are observed, appropriate action shall be taken, such as baghouse maintenance, cleaning, or replacement of bags as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 7. Dust collector filters shall be inspected for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be replaced as needed. Filters shall be inspected at least yearly. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 8. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-593-22-1

EXPIRATION DATE: 07/31/2002

EQUIPMENT DESCRIPTION:

CRUSHED CULLET STORAGE SILO #3 (4,770 GALLONS) SERVED BY A FLEX-KLEEN BAGHOUSE (SHARED WITH CULLET SILOS #1 & #2)

PERMIT UNIT REQUIREMENTS

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1. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule], [Federally Enforceable Through Title V]
 2. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule], [Federally Enforceable Through Title V]
 3. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 4102]
 4. Particulate matter emissions shall not exceed 0.1 grain/dscf in concentration. [District Rule 4201 and San Joaquin County Rule 404], [Federally Enforceable Through Title V]
 5. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
 6. Dust collector shall be inspected weekly while in operation for visible emissions. If visible emissions are observed, appropriate action shall be taken, such as baghouse maintenance, cleaning, or replacement of bags as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 7. Dust collector filters shall be inspected for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be replaced as needed. Filters shall be inspected at least yearly. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 8. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-593-23-0

EXPIRATION DATE: 07/31/2002

EQUIPMENT DESCRIPTION:

ONE (1) FLEX-KLEEN BAGHOUSE SERVING THE CRUSHED CULLET SILOS.

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
3. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District NSR Rule]
4. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District NSR Rule]
5. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-593-24-0

EXPIRATION DATE: 07/31/2002

EQUIPMENT DESCRIPTION:

ONE (1) OWENS-ILLINOIS WRAP SHRINK LABELING (WSL) MACHINE, (RATED AT 70 KVA) FOR OFF-LINE WRAP SHRINK LINE TO FURNACE "A". ONLY ELECTRIC HEAT SHALL BE USED. CONTROL WILL BE BY THERMAL DESTRUCTION TO FURNACE "A".

PERMIT UNIT REQUIREMENTS

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1. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
 2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
 3. The labeling machine shall only be operated when furnace "A" is in operation. []
 4. Solvent emissions from the labelers shall be ducted through the glass melting furnace. []
 5. Overall solvent emissions from the labeling machines shall be reduced by at least 85%. The solvent destruction efficiency within the furnace shall be not be less than 95%, by weight. []
 6. Exhaust points from the labeling unit shall have pressure gauges to verify negative pressure at all times. The gauge shall be maintained in good working conditions at all times. []
 7. The glass melting furnace shall be operated in a manner which assures compliance with its permit conditions and all applicable rules and regulations. []
 8. The combined usage of methylene chloride and methyl ethyl ketone shall not exceed 7.5 pounds per hour for each labeling machine. []
 9. A log of monthly usage of methylene chloride and methyl ethyl ketone shall be kept on the premises at all times and shall be made available for District inspection upon request. []
 10. The labeling unit shall be equipped with an automatic solvent shut-off mechanism and a chiller to control in plant evaporation. []

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-593-25-0

EXPIRATION DATE: 07/31/2002

EQUIPMENT DESCRIPTION:

ONE (1) 500 GALLON ABOVEGROUND GASOLINE STORAGE TANK SERVED BY AN EMCO WHEATON COAXIAL PHASE I VAPOR RECOVERY SYSTEM AND ONE (1) NOZZLE.

PERMIT UNIT REQUIREMENTS

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1. At least 95% by weight of all vapors displaced during the filling of storage tanks shall be prevented from entering the atmosphere. [District Rule 4621]
 2. Pressure/Vacuum relief valves shall be maintained operational at all times. [District Rule 4622]
 3. The vapor recovery systems and their components shall be installed, operated, and maintained in accordance with the State certification requirements. [District Rules 4621 and 4622]
 4. Records of monthly gasoline throughput shall be maintained, retained on the premises for at least two years and made available for District inspection upon request. [District Rule 4622]
 5. Total gasoline throughput for the facility shall not exceed either of the following: 10,000 gallons in any consecutive 30-day period or 24,000 gallons per calendar year. Records shall be maintained to demonstrate compliance with these limits. [District Rule 4622]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-593-27-1

EXPIRATION DATE: 07/31/2002

EQUIPMENT DESCRIPTION:

ONE (1) 240 HP CATERPILLAR DIESEL FIRED IC ENGINE (MODEL # 3306B) POWERING A 150 KW EMERGENCY GENERATOR "A"

PERMIT UNIT REQUIREMENTS

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1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
 2. The NOx emission rate shall not exceed 10.0 grams/hp-hr. [District NSR Rule], [Federally Enforceable Through Title V]
 3. The engine shall be equipped with a positive crankcase ventilation (PCV) system or a crankcase emissions control device of at least 90% control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
 4. This engine shall be operated only for maintenance, testing, and required regulatory purposes, and during emergency situations. [District NSR Rule and District Rule 4701], [Federally Enforceable Through Title V]
 5. Operation of the engine for maintenance and testing purposes shall not exceed 200 hours per year. [District NSR Rule and District Rule 4701], [Federally Enforceable Through Title V]
 6. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
 7. The sulfur content of the diesel fuel used shall not exceed 0.05% by weight. [District NSR Rule], [Federally Enforceable Through Title V]
 8. The permittee shall maintain daily records of hours of emergency and non-emergency operation and of the sulfur content of the diesel fuel used and shall make such records readily available to District staff upon request. [District NSR Rule], [Federally Enforceable Through Title V]
 9. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. Compliance with this requirement shall be demonstrated by complying with fuel certification or fuel testing requirements as stipulated in this permit. [San Joaquin County Rule 407 and District Rule 4801], [Federally Enforceable Through Title V]
 10. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201, San Joaquin County Rule 404, District Rule 4801 and San Joaquin County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
 11. If the IC engine is fired on Air Resources Board regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, the operator shall maintain copies of all fuel invoices and supplier certifications. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 12. If the IC engine is not fired on ARB regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, then the owner or operator shall determine the sulfur content of each delivery of diesel fuel being fired in the IC engine using ASTM method D 2880-71. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 13. The operator shall submit an annual report of operating hours to the District. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 14. If the unit is used more than 200 hours per year, operator shall perform a source test for particulate emissions within 6 months of the initial Title V permit issuance. A source test for particulate emissions conducted within the 24 months prior to permit issuance shall be considered compliance with this testing requirement. Source testing for particulate matter shall be performed according to EPA Method 5, stack gas velocity by EPA Method 2, and the stack gas moisture content by EPA Method 4. If the initial PM test result is less than or equal to 0.06 grain/dscf, then testing shall occur not less than once every 5 years. Otherwise testing shall occur not less than once every 24 months. [District Rule 2520, 9.4.2 and District Rule 1081], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-593-28-1

EXPIRATION DATE: 07/31/2002

EQUIPMENT DESCRIPTION:

ONE (1) 380 HP CATERPILLAR DIESEL FIRED IC ENGINE (MODEL # 3406 DIT) POWERING A 260 KW EMERGENCY GENERATOR "B"

PERMIT UNIT REQUIREMENTS

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1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
 2. The NOx emission rate shall not exceed 10.0 grams/hp-hr. [District NSR Rule], [Federally Enforceable Through Title V]
 3. The engine shall be equipped with a positive crankcase ventilation (PCV) system or a crankcase emissions control device of at least 90% control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
 4. This engine shall be operated only for maintenance, testing, and required regulatory purposes, and during emergency situations. [District NSR Rule and District Rule 4701], [Federally Enforceable Through Title V]
 5. Operation of the engine for maintenance and testing purposes shall not exceed 200 hours per year. [District NSR Rule and District Rule 4701], [Federally Enforceable Through Title V]
 6. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
 7. The sulfur content of the diesel fuel used shall not exceed 0.05% by weight. [District NSR Rule], [Federally Enforceable Through Title V]
 8. The permittee shall maintain daily records of hours of emergency and non-emergency operation and of the sulfur content of the diesel fuel used and shall make such records readily available to District staff upon request. [District NSR Rule], [Federally Enforceable Through Title V]
 9. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. Compliance with this requirement shall be demonstrated by complying with fuel certification or fuel testing requirements as stipulated in this permit. [San Joaquin County Rule 407 and District Rule 4801], [Federally Enforceable Through Title V]
 10. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201, San Joaquin County Rule 404, District Rule 4801 and San Joaquin County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
 11. If the IC engine is fired on Air Resources Board regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, the operator shall maintain copies of all fuel invoices and supplier certifications. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 12. If the IC engine is not fired on ARB regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, then the owner or operator shall determine the sulfur content of each delivery of diesel fuel being fired in the IC engine using ASTM method D 2880-71. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 13. The operator shall submit an annual report of operating hours to the District. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 14. If the unit is used more than 200 hours per year, operator shall perform a source test for particulate emissions within 6 months of the initial Title V permit issuance. A source test for particulate emissions conducted within the 24 months prior to permit issuance shall be considered compliance with this testing requirement. Source testing for particulate matter shall be performed according to EPA Method 5, stack gas velocity by EPA Method 2, and the stack gas moisture content by EPA Method 4. If the initial PM test result is less than or equal to 0.06 grain/dscf, then testing shall occur not less than once every 5 years. Otherwise testing shall occur not less than once every 24 months. [District Rule 2520, 9.4.2 and District Rule 1081], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-593-29-1

EXPIRATION DATE: 07/31/2002

EQUIPMENT DESCRIPTION:

ONE (1) 534 HP CATERPILLAR DIESEL FIRED IC ENGINE (MODEL # 3406 DITA) POWERING A 350 KW EMERGENCY GENERATOR "C"

PERMIT UNIT REQUIREMENTS

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1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
 2. The NOx emission rate shall not exceed 7.2 grams/hp-hr. [District NSR Rule], [Federally Enforceable Through Title V]
 3. The engine shall be equipped with a positive crankcase ventilation (PCV) system or a crankcase emissions control device of at least 90% control efficiency. [District NSR Rule], [Federally Enforceable Through Title V]
 4. This engine shall be operated only for maintenance, testing, and required regulatory purposes, and during emergency situations. [District NSR Rule and District Rule 4701], [Federally Enforceable Through Title V]
 5. Operation of the engine for maintenance and testing purposes shall not exceed 200 hours per year. [District NSR Rule and District Rule 4701], [Federally Enforceable Through Title V]
 6. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
 7. The sulfur content of the diesel fuel used shall not exceed 0.05% by weight. [District NSR Rule], [Federally Enforceable Through Title V]
 8. The permittee shall maintain daily records of hours of emergency and non-emergency operation and of the sulfur content of the diesel fuel used and shall make such records readily available to District staff upon request. [District NSR Rule], [Federally Enforceable Through Title V]
 9. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. Compliance with this requirement shall be demonstrated by complying with fuel certification or fuel testing requirements as stipulated in this permit. [San Joaquin County Rule 407 and District Rule 4801], [Federally Enforceable Through Title V]
 10. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201, San Joaquin County Rule 404, District Rule 4801 and San Joaquin County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
 11. If the IC engine is fired on Air Resources Board regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, the operator shall maintain copies of all fuel invoices and supplier certifications. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 12. If the IC engine is not fired on ARB regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, then the owner or operator shall determine the sulfur content of each delivery of diesel fuel being fired in the IC engine using ASTM method D 2880-71. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 13. The operator shall submit an annual report of operating hours to the District. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 14. If the unit is used more than 200 hours per year, operator shall perform a source test for particulate emissions within 6 months of the initial Title V permit issuance. A source test for particulate emissions conducted within the 24 months prior to permit issuance shall be considered compliance with this testing requirement. Source testing for particulate matter shall be performed according to EPA Method 5, stack gas velocity by EPA Method 2, and the stack gas moisture content by EPA Method 4. If the initial PM test result is less than or equal to 0.06 grain/dscf, then testing shall occur not less than once every 5 years. Otherwise testing shall occur not less than once every 24 months. [District Rule 2520, 9.4.2 and District Rule 1081], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-593-30-1

EXPIRATION DATE: 07/31/2002

EQUIPMENT DESCRIPTION:

ONE (1) 145 HP WAUKESHA GASOLINE FIRED IC ENGINE (MODEL # 145GZUF) POWERING FIRE PUMP "1"

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
3. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201 and San Joaquin County Rule 404. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
4. The operator shall submit an annual report of operating hours to the District. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
5. If the unit is used more than 200 hours per year, operator shall perform a source test for particulate emissions within 6 months of the initial Title V permit issuance. A source test for particulate emissions conducted within the 24 months prior to permit issuance shall be considered compliance with this testing requirement. Source testing for particulate matter shall be performed according to EPA Method 5, stack gas velocity by EPA Method 2, and the stack gas moisture content by EPA Method 4. If the initial PM test result is less than or equal to 0.06 grain/dscf, then testing shall occur not less than once every 5 years. Otherwise testing shall occur not less than once every 24 months. [District Rule 2520, 9.4.2 and District Rule 1081], [Federally Enforceable Through Title V]
6. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. Compliance with this requirement shall be demonstrated by burning only Air Resources Board certified gasoline or gasoline which has been certified by the supplier. [San Joaquin County Rule 407 and District Rule 4801], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-593-31-1

EXPIRATION DATE: 07/31/2002

EQUIPMENT DESCRIPTION:

ONE (1) 136 HP CUMMINS DIESEL FIRED IC ENGINE (MODEL # V-378-F2) POWERING FIRE PUMP "2"

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
3. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201, San Joaquin County Rule 404, District Rule 4801 and San Joaquin County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
4. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. Compliance with this requirement shall be demonstrated by complying with fuel certification or fuel testing requirements as stipulated in this permit. [San Joaquin County Rule 407 and District Rule 4801], [Federally Enforceable Through Title V]
5. Compliance with Stanislaus County Rule 407 and District Rule 4801 may be demonstrated by either using Air Resources Board regulated diesel fuel or by testing the sulfur content of each load of fuel and showing the sulfur content to be less than 3.0% by weight. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
6. If the IC engine is fired on Air Resources Board regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, the operator shall maintain copies of all fuel invoices and supplier certifications. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
7. If the IC engine is not fired on ARB regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, then the owner or operator shall determine the sulfur content of each delivery of diesel fuel being fired in the IC engine using ASTM method D 2880-71. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. If the unit is used more than 200 hours per year, operator shall perform a source test for particulate emissions within 6 months of the initial Title V permit issuance. A source test for particulate emissions conducted within the 24 months prior to permit issuance shall be considered compliance with this testing requirement. Source testing for particulate matter shall be performed according to EPA Method 5, stack gas velocity by EPA Method 2, and the stack gas moisture content by EPA Method 4. If the initial PM test result is less than or equal to 0.06 grain/dscf, then testing shall occur not less than once every 5 years. Otherwise testing shall occur not less than once every 24 months. [District Rule 2520, 9.4.2 and District Rule 1081], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: N-593-32-1

EXPIRATION DATE: 07/31/2002

EQUIPMENT DESCRIPTION:

ONE (1) 185 HP CATERPILLAR DIESEL FIRED IC ENGINE (MODEL # 3208 DINA) POWERING FIRE PUMP "3"

PERMIT UNIT REQUIREMENTS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
3. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201, San Joaquin County Rule 404, District Rule 4801 and San Joaquin County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
4. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. Compliance with this requirement shall be demonstrated by complying with fuel certification or fuel testing requirements as stipulated in this permit. [San Joaquin County Rule 407 and District Rule 4801], [Federally Enforceable Through Title V]
5. Compliance with Stanislaus County Rule 407 and District Rule 4801 may be demonstrated by either using Air Resources Board regulated diesel fuel or by testing the sulfur content of each load of fuel and showing the sulfur content to be less than 3.0% by weight. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
6. If the IC engine is fired on Air Resources Board regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, the operator shall maintain copies of all fuel invoices and supplier certifications. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
7. If the IC engine is not fired on ARB regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, then the owner or operator shall determine the sulfur content of each delivery of diesel fuel being fired in the IC engine using ASTM method D 2880-71. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. If the unit is used more than 200 hours per year, operator shall perform a source test for particulate emissions within 6 months of the initial Title V permit issuance. A source test for particulate emissions conducted within the 24 months prior to permit issuance shall be considered compliance with this testing requirement. Source testing for particulate matter shall be performed according to EPA Method 5, stack gas velocity by EPA Method 2, and the stack gas moisture content by EPA Method 4. If the initial PM test result is less than or equal to 0.06 grain/dscf, then testing shall occur not less than once every 5 years. Otherwise testing shall occur not less than once every 24 months. [District Rule 2520, 9.4.2 and District Rule 1081], [Federally Enforceable Through Title V]

Initial TV Permit